Heat Quiz Review

Key Terms:  
Heat Kinetic Energy Temperature Thermal Energy   
Melting Freezing Evaporation Condensation  
Sublimation Conduction Geothermal Energy  
Igneous Rock Metamorphic Rock Convection

Apart from the terms above you should know the following from the following Chapters

7.1- Warmth and Coldness

* Know how different organisms monitor their body’s thermal energy
* Know how humans control their own thermal energy

7.2- Explaining Hot and Cold

* Know the 5 points of the particle theory
* Know how the particle theory explains heat
* Know the scientific definition of heat

7.3 – Kinetic Energy, Heat, and Temperature

* Know how temperature is measured
* Know how kinetic energy and temperature are related
* Know the difference between kinetic energy and thermal energy
* Know the different ways particles change between states of matter
* Know how thermal expansion/contraction works

7.5 – Living with Thermal Expansion and Contraction

* Know how thermal expansion of solids, liquids and gases influence humans on a daily basis

8.1 – Thermal Energy Transfer

* Know how thermal energy transfer can be used to warm/cool objects

8.3 – Conduction

* Know how conduction works and is used in daily life
* Know the difference between a conductor and an insulator
* Know when a conductor or an insulator would be better used in daily life

8.4 – Conduction and Geological Processes

* Know how geothermal energy works
* Know how the energy from the earth is used to change rocks
* Know how diamonds are created

8.5 – Convection

* Know how convection works in fluids

8.6 – Convection in the environment

* Know how convection occurs naturally in the environment in the creation of wind

Recommended Questions:

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